

**ABSTRACT OF THE DISCLOSURE**

A dispensing closure assembly includes a container having a threaded finish portion, at least one modular sealed vial that contains a substance, and a closure cap that is adapted to be screwed on to the container. The closure cap includes a closure main body having a top portion and a downwardly depending sidewall portion that is adapted to be secured to the container. An insert is positioned between the closure cap and the container for opening the modular sealed vial when the closure cap is screwed on to the container. A method of dispensing a substance into the container is also disclosed.